

Title (en)
FIXER COMPOSITION

Title (de)
FIXIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE FIXATEUR

Publication
EP 3818112 A1 20210512 (EN)

Application
EP 19908508 A 20190613

Priority
• US 2019012862 W 20190109
• US 2019037018 W 20190613

Abstract (en)
[origin: WO2020146004A1] A fixer composition includes a polyamine; a phosphate ester surfactant; a co-solvent; and a balance of water. The polyamine is selected from the group consisting of an azetidinium-containing polyamine, an epoxide-containing polyamine, and combinations thereof. The co-solvent contains two hydroxyl groups and an aliphatic chain between the two hydroxyl groups, the aliphatic chain containing three carbon atoms. The fixer composition may be used in combination with an inkjet ink and may be included in a fluid set and/or a textile printing kit.

IPC 8 full level
C09D 11/30 (2014.01); **B41J 2/01** (2006.01); **C09D 11/102** (2014.01); **C09D 11/106** (2014.01); **C09D 11/38** (2014.01); **C09D 11/54** (2014.01)

CPC (source: EP US)
B41J 3/4078 (2013.01 - US); **B41M 5/0011** (2013.01 - US); **B41M 5/0023** (2013.01 - US); **C08K 3/22** (2013.01 - US); **C08L 75/06** (2013.01 - US); **C08L 79/04** (2013.01 - EP US); **C09D 11/033** (2013.01 - US); **C09D 11/037** (2013.01 - US); **C09D 11/102** (2013.01 - EP US); **C09D 11/104** (2013.01 - EP); **C09D 11/107** (2013.01 - EP); **C09D 11/322** (2013.01 - EP US); **C09D 11/324** (2013.01 - US); **C09D 11/38** (2013.01 - EP US); **C09D 11/40** (2013.01 - EP US); **C09D 11/54** (2013.01 - EP US); **D06P 1/5264** (2013.01 - EP); **D06P 1/5278** (2013.01 - EP US); **D06P 1/5285** (2013.01 - US); **D06P 5/002** (2013.01 - US); **D06P 5/30** (2013.01 - EP US); **C08K 2003/2241** (2013.01 - US); **C08K 2003/2296** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020146004 A1 20200716; EP 3818112 A1 20210512; EP 3818112 A4 20210908; US 2021163774 A1 20210603; US 2021246328 A1 20210812; WO 2020145962 A1 20200716

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US 2019037018 W 20190613; EP 19908508 A 20190613; US 2019012862 W 20190109; US 201917267851 A 20190109; US 201917269192 A 20190613